



PATENT

Case Docket No. MSEMI.113A

Date: April 16, 2004

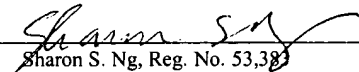
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Bruce R. Ferguson  
Appl. No. : 10/760,626  
Filed : January 20, 2004  
For : METHOD AND APPARATUS  
TO SWITCH OPERATING  
MODES IN A PFM  
CONVERTER  
Examiner : Unknown  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

April 16, 2004

(Date)

  
Sharon S. Ng, Reg. No. 53,383

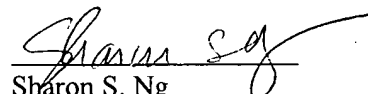
TRANSMITTAL LETTER

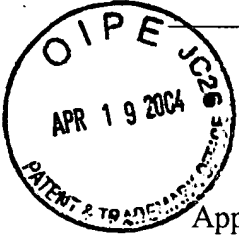
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with twenty-five (25) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
Sharon S. Ng  
Registration No. 53,383  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404



## INFORMATION DISCLOSURE STATEMENT

Applicant : Bruce R. Ferguson  
App. No. : 10/760,626  
Filed : January 20, 2004  
For : METHOD AND APPARATUS TO  
SWITCH OPERATING MODES IN A  
PFM CONVERTER  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 25 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

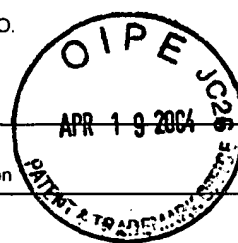
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: April 16, 2004

By: Sharon S. Ng

Sharon S. Ng  
Registration No. 53,383  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

|  |                                 |                               |
|--|---------------------------------|-------------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE STATEMENT<br/>         BY APPLICANT</b><br><br>(USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO.<br>MSEM1.113A  | APPLICATION NO.<br>10/760,626 |
|  | APPLICANT<br>Bruce R. Ferguson  |                               |
|  | FILING DATE<br>January 20, 2004 | GROUP<br>Unknown              |



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER    | DATE     | NAME            | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
|---------------------|----|--------------------|----------|-----------------|-------|----------|---------------------------------|
|                     | 1  | 4,618,812          | 10/21/86 | Kawakami        |       |          |                                 |
|                     | 2  | 5,350,997          | 09/27/94 | Ghotbi et al.   |       |          |                                 |
|                     | 3  | 5,359,276          | 10/25/94 | Mammano         |       |          |                                 |
|                     | 4  | 5,552,694          | 09/03/96 | Appeltans       |       |          |                                 |
|                     | 5  | 5,736,842          | 04/07/98 | Jovanovic       |       |          |                                 |
|                     | 6  | 5,798,635          | 08/25/98 | Hwang et al.    |       |          |                                 |
|                     | 7  | 5,889,392          | 03/30/99 | Moore et al.    |       |          |                                 |
|                     | 8  | 6,204,650          | 03/20/01 | Shimamori       |       |          |                                 |
|                     | 9  | 6,285,571          | 09/04/01 | Brooks et al.   |       |          |                                 |
|                     | 10 | 6,292,378          | 09/18/01 | Brooks          |       |          |                                 |
|                     | 11 | 6,348,779          | 02/19/02 | Sluijs          |       |          |                                 |
|                     | 12 | 6,351,162          | 02/26/02 | Schwartz        |       |          |                                 |
|                     | 13 | 6,356,063          | 03/12/02 | Brooks          |       |          |                                 |
|                     | 14 | 6,359,796          | 03/19/02 | Hartular et al. |       |          |                                 |
|                     | 15 | 6,429,632          | 08/06/02 | Forbes et al.   |       |          |                                 |
|                     | 16 | 6,430,070          | 08/06/02 | Shi et al.      |       |          |                                 |
|                     | 17 | 6,459,602          | 10/01/02 | Lipcsei         |       |          |                                 |
|                     | 18 | 6,605,931          | 08/12/03 | Brooks          |       |          |                                 |
|                     | 19 | US2001/0033503 A1  | 10/25/01 | Hamp et al.     |       |          |                                 |
|                     | 20 | US2002/0080631 A1  | 06/27/02 | Kanouda et al.  |       |          |                                 |
|                     | 21 | US/2002/0051373 A1 | 05/02/02 | Lipcsei         |       |          |                                 |
|                     | 22 | US2002/0126512 A1  | 09/12/02 | Nakagawa et al. |       |          |                                 |
|                     | 23 | US2002/0145891 A1  | 10/10/02 | Ling            |       |          |                                 |
|                     | 24 | US2002/0154524 A1  | 10/24/02 | Yamanaka et al. |       |          |                                 |

## FOREIGN PATENT DOCUMENTS

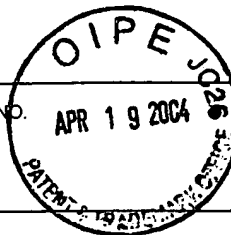
| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|--|-----------------|------|---------|-------|----------|-------------|----|
|                     |  |                 |      |         |       |          | YES         | NO |

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

|  |  |                                      |
|--|--|--------------------------------------|
| <b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b><br><br>(USE SEVERAL SHEETS IF NECESSARY) | <b>ATTY. DOCKET NO.</b><br>MSEMI.113A  | <b>APPLICATION NO.</b><br>10/760,626 |
|  | <b>APPLICANT</b><br>Bruce R. Ferguson  |                                      |
|  | <b>FILING DATE</b><br>January 20, 2004 | <b>GROUP</b><br>Unknown              |



| <b>EXAMINER<br/>INITIAL</b> | <b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>  |
|-----------------------------|--|
| 25                          | Bruce R. Ferguson: Copending U.S. Patent Application entitled DUAL-MODE PFM BOOST CONVERTER; Application Serial No.10/761,801; filed January 20, 2004 (MSEMI.085A) |

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|---|------------------------|
| <b>EXAMINER</b>   | <b>DATE CONSIDERED</b> |
| <b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |                        |